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| Date October 22, 2008 | | | EPA Reg No./File Symbol 85353-XX | | Page 1 of 5 |
| Applicant's/Registrant's Name & Ad Global Brass and Copper Inc. 427 | ddress North Shamrock Street, East Alton, IL 62024 | | Copper Shield 82 | | |
| Ingredient Copper (Metallic |) | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 830.1550 | Product Identity and Composition | 46999301 47259201 | Copper Development Association | PER | |
| 830.1600 | Description of Materials Used to Produce Product | 46999301 | Copper Development Association | PER | |
| 830.1620 | Description of Production Process | 46999301 | Copper Development Association | PER | |
| 830.1650 | Description of Formulation Process | 46999301 | Copper Development Association | PER | |
| 830.1670 | Discussion of Formation of Impurities | 46999301 | Copper Development Association | PER | |
| 830.1700 | Preliminary Analysis | 46999301 47160802 | Copper Development Association | PER | |
| 830.1750 | Certified Limits | 46999301 | Copper Development Association | PER | |
| 830.1800 | Enforcement Analytical Method | 46999301 | Copper Development Association | PER | |
| 830.1900 | Submittal of Standards | 46999301 | Copper Development Association | PER | |
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| 830.6302 | Color | | | | Not required OPPTS 830.100 | |
| 830.6303 | Physical State | 47160801 | Copper Development Association | PER | | |
| 830.6304 | Odor | | | | Not required OPPTS 830.100 | |
| 830.6313 | Stability to Temperature, Metals, and Metal Ions | | | | Not required OPPTS 830.100 | |
| 830.6314 | Oxidation/Reduction | 47160801 | Copper Development Association | PER | | |
| 830.6315 | Flammability | 47160801 | Copper Development Association | PER | | |
| 830.6316 | Explodability | 47160801 | Copper Development Association | PER | | |
| 830.6317 | Storage Stability | 47160801 | Copper Development Association | PER | | |
| 830.6319 | Miscibility | 47160801 | Copper Development Association | PER | | |
| 830.6320 | Corrosion Characteristics | 47160801 | Copper Development Association | PER | | |
| 830.6321 | Dielectric Breakdown Voltage | 47160801 | Copper Development Association | PER | | |
| 830.7000 | | 47160801 | Copper Development Association | PER | | |
| 830.7050 | UV/Visible Absorption | | | | Not required OPPTS 830.10 | |
| 830.7100 | Vistosity | 47160801 | Copper Development Association | PER | | |
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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| 830.7200 | Melting Point/Melting Range | | | | Not required OPPTS 830,100 | |
| 830.7220 | Boiling Point/Boiling Range | | | | Not required OPPTS 830,100 | |
| 830.7300 | Density/Relative Density/Bulk Density | 47160801 | Copper Development Association | PER | | |
| 830.7370 | Dissociation Constants in Water | | | | Not required OPPTS 830,100 | |
| 830.7550 | Partition Coefficient (n-octanol/water) | | | | Not required OPPTS 830,100 | |
| 830.7840 | Water Solubility | | | | Not required OPPTS 830,100 | |
| 830.7950 | Vapor Pressure | | | | Not required OPPTS 830.100 | |
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| 870.1100 | Acute Oral Toxicity - Rats | 46999302 | Copper Development Association | PER | |
| 870.1100 | Acute Oral Toxicity - Mice | 46999302 | Copper Development Association | PER | |
| 870.1200 | Acute Dermal Toxicity | 46999302 | Copper Development Association | PER | |
| 870.1300 | Acute Inhalation Toxicity | 46999302 | Copper Development Association | PER | |
| 870.2400 | Acute Eye Irritation | 46999302 | Copper Development Association | PER | |
| 870.2500 | Acute Dermal Irritation | 46999302 | Copper Development Association | PER | |
| 870.2600 | Skin Sensitization | 46999302 | Copper Development Association | PER | |
| 870.3150 | 90-Day Oral Toxicity - Dogs | 46999302 | Copper Development Association | PER | |
| 870.3465 | 90-Day Oral Toxicity - Rats | 46999302 | Copper Development Association | PER | |
| 870.3700 | Prepatal Developmental Toxicity - Rabbits | 46999302 | Copper Development Association | PER | |
| 870.3700 | | 46999302 | Copper Development Association | PER | |
| 870.3800 | Reproduction and Fertility Effects - 2 Gen | 46999302 | Copper Development Association | PER | |
| 870.4100 | Chronic Feeding, Dog | 46999302 | Copper Development Association | PER | |
| 870.4100 | Chronic Feeding, Rat | 46999302 | Copper Development Association | PER | |
| 870.5100 | Bacterial Reverse Mutation (Ames)Test | 46999302 | Copper Development Association | PER | |
| 870. | Other Mulagenicity | 46999302 | Copper Development Association | PER | |
| 870,7485 | Metabolism and Pharmacokinetics - Rat | 46999302 | Copper Development Association | PER | |
| Signature Walter R. Byon | | | Name and Title Heather R. Bjornson, Regulatory | Agent | Date 10/22/200 |





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| 810.2000 | Hard Surface Sanitizer Assay | 46999306 46999307 46999310 46999312 | Copper Development Association | PER | |
| 810.2000 | Residual Self-sanitizer Assay | 46999308 46999309 | Copper Development Association | PER | |
| 810.2000 | Repeat Challenge Assay | 46999304 46999305 46999311 46999313 | Copper Development Association | PER | |
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